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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 8 McKEE PRINT August, 1965

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August 1965, averaged 94,432 barrels daily, an increase of 2,885 barrels from the average July production of 91,547.

The nine refineries in state processed 100,151 barrels of crude oil daily for the month of August, 1965, an increase of 7,194 barrels from the 92,957 barrels processed daily during the month of July, 1965.

During August, 56 wells were completed, 20 oil, 1 gas well and 35 dry holes.

During August, the commission issued 56 permits to drill new wells, same number as July.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF AUGUST, 1965

IN STORAGE AUGUST 1st:	
By Producers	365,703
By Transporters	1,067,458
By Refiners	612,772
TOTAL STORAGE	2,045,933
Produced in Montana During Month	2,927,407
Imported During Month	2,239,732
TOTALS	7,213,072
DISPOSITION:	
Refined in Montana	3,104,694
Exported	2,015,857
Used for Fuel or Lost	11,829
TOTAL	5,132,380
IN STORAGE AUGUST 31st:	
By Producers	350,209
By Transporters	1,088,935
By Refiners	641,548
TOTAL STORAGE	2,080,692

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	37,266
Bowdoin	62,129
Bowes	58,479
Cabin Creek	100,766
Cedar Creek	183,229
Cut Bank (Including Reagan)	582,181
Devon	8,315
Dry Creek	66,017
Elk Basin	26,077
Flat Coulee	0
Gold Butte	4,635
Golden Dome	0
Grandview	18,849
Hardin	3,836
Keith Block	260,397
Kevin Sunburst	90,239
Middle Butte	0
Mt. Lilly	22,430
Pine	70,801
Plevna	15,091
Utopia	0
Whitlash	41,060
Miscellaneous	46,164
TOTAL	1,697,961

Total withdrawals for August, 1964 were 1,342,128 M Cu. Ft.

PRODUCERS REPORT—MONTH OF AUGUST, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By: Pipeline	Oil Shipped By: Truck	Used or Lost	Storage End of Month
2	Ash Creek	5	354	3,183	.....	2,974	.....	563
5	Bannatyne	9	964	836	.....	875	.....	925
1	Bascom	1	180	155	.....	.....	.....	335
4	Bear's Den	5	1,747	2,282	495	1,400	.....	2,134
1	Belfry	1	94	178	.....	194	.....	78
1	Benrud	1	436	3,586	3,189	.....	.....	833
1	Benrud East	1	724	8,518	8,735	.....	.....	507
1	Benrud Northeast	1	675	14,584	14,698	.....	.....	561
8	Big Wall	22	2,619	15,138	14,703	.....	.....	3,054
4	Blackfoot	7	1,974	4,101	2,007	2,310	.....	1,758
1	Bloomfield	1	414	628	.....	.....	.....	1,042
2	Border	2	11	1,247	.....	1,247	.....	11
1	Bowes	52	6,219	13,961	16,447	.....	.....	3,733
3	Bradley	3	1,227	1,104	1,173	.....	.....	1,158
1	Brady	7	.....	463	463	.....	.....	.....
1	Bynum	1	166	43	.....	188	.....	21
2	Cabin Creek	110	6,440	265,511	265,601	.....	.....	6,350
17	Cat Creek	91	2,379	15,154	14,508	.....	.....	3,025
1	Clark's Fork	1	129	136	.....	144	.....	121
...	Clark's Fork North	....	303	.....	.....	.....	.....	303
3	Conrad South	4	638	738	664	.....	.....	712
1	Cupton	1	1,899	1,090	.....	1,798	.....	1,191
173	Cut Bank	1,087	108,098	343,324	346,983	6,662	.....	97,777
3	Deer Creek	4	1,326	3,457	3,154	.....	.....	1,629
1	Delphia	1	191	61	.....	.....	.....	252
3	Devil's Basin	3	1,140	90	.....	426	.....	804
1	Dry Creek	1	76	464	.....	378	.....	162
16	Dwyer	17	7,330	37,252	37,713	.....	13	6,856
8	Elk Basin	67	2,755	279,567	279,117	.....	.....	3,205
1	Elk Basin Northwest	1	1,471	1,293	.....	900	.....	1,864
3	Fertile Prairie	3	1,084	2,656	729	1,974	.....	1,037
24	Flat Coulee	30	6,808	30,167	30,143	1,033	.....	5,799
26	Flat Lake	26	16,871	101,855	103,964	.....	.....	14,762
2	Frannie	2	.....	1,314	1,314	.....	.....	.....
21	Fred & George Creek	36	2,896	134,356	134,938	279	.....	2,035
1	Gage	1	87	378	240	.....	8	217
1	Gage Southwest	1	238	105	174	.....	.....	169
4	Gas City	27	7,922	59,434	59,177	3,447	.....	4,732
7	Glendive	12	1,365	36,246	24,831	11,646	.....	1,134
14	Goose Lake	15	3,500	48,320	48,411	.....	280	3,129
7	Graben Coulee	12	3,429	5,431	3,682	1,202	8	3,968
...	Grandview	....	112	.....	.....	.....	.....	112
2	Gypsy Basin	2	3,341	631	916	.....	509	2,547
1	Hibbard	1	121	387	.....	197	.....	311
8	Ivanhoe	14	2,484	25,760	25,277	.....	62	2,905
9	Keg Coulee	22	5,063	29,140	28,431	.....	1	5,771
2	Keg Coulee North	2	621	4,348	.....	4,458	.....	511
137	Kevin Sunburst	724	16,505	41,304	40,076	.....	20	17,713
2	Little Beaver	24	2,973	25,811	24,758	651	.....	3,375
3	Little Beaver East	17	1,530	18,396	16,297	.....	.....	3,629
2	Lodge Grass	2	572	1,973	.....	1,402	.....	1,143
3	Lone Tree	3	839	5,814	.....	5,229	.....	1,424
26	Lookout Butte	71	3,406	120,264	117,751	.....	.....	5,919
...	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	663	3,000	3,000	.....	.....	663
2	Melstone	5	691	3,201	3,080	.....	.....	812
1	Mineral Bench	1	439	1,218	1,337	.....	.....	320
6	Monarch	13	2,921	14,286	13,720	.....	.....	3,487
4	Mosser	9	.....	777	.....	777	.....	.....
...	Musselshell	....	146	.....	.....	.....	.....	146
7	Outlook	12	8,479	32,931	35,431	.....	.....	5,979
2	Outlook South	2	1,300	3,404	3,262	.....	.....	1,442
65	Pennel	111	4,103	197,443	195,891	.....	149	5,506
4	Pine	128	14,395	340,743	340,379	.....	.....	14,759
4	Pole Creek	7	1,265	4,000	.....	4,000	.....	1,265
63	Pondera	306	7,996	30,357	30,507	.....	.....	7,846
5	Poplar East	75	16,279	86,150	86,582	.....	58	15,789
4	Poplar Northwest	5	2,132	1,833	1,907	.....	.....	2,058
6	Ragged Point	17	3,411	5,109	5,746	.....	.....	2,774
3	Reagan	42	2,812	17,528	17,967	.....	.....	2,373
1	Red Creek	27	419	29,124	28,876	499	.....	168
1	Redstone	1	269	772	381	.....	.....	660
1	Repeat	1	80	1,683	.....	1,593	.....	170
6	Richey	6	2,064	1,826	487	.....	.....	3,403
6	Richey Southwest	7	3,146	11,513	.....	12,242	.....	2,417
4	Sand Creek	5	.....	7,319	7,319	.....	.....	.....
1	Shotgun Creek	1	313	991	.....	1,178	.....	126
4	Sidney-Brorson	4	1,890	7,494	6,454	1,775	.....	1,155
2	Snyder	4	1,258	1,076	.....	940	.....	1,394
5	Soap Creek	9	4,339	5,193	.....	6,555	.....	2,977
2	Spring Lake	3	3,530	5,371	.....	5,019	.....	3,882
2	Stensvad	24	3,967	37,174	36,168	.....	.....	4,973
28	Sumatra	83	12,416	76,479	78,001	.....	.....	10,894
5	Tule Creek	6	2,511	50,803	3,495	46,588	.....	3,231
2	Tule Creek East	2	1,676	38,909	39,169	.....	.....	1,416
1	Tule Creek South	1	909	6,056	.....	6,235	.....	730
2	Vida	2	1,552	2,923	.....	3,813	.....	662
4	Volt	6	2,367	16,727	17,108	.....	.....	1,986
5	Weldon	12	5,290	106,862	.....	106,384	71	5,697
14	Whitlash	37	8,776	31,691	29,604	5,275	.....	5,588
1	Whitlash West	1	140	214	214	.....	.....	140
2	Wills Creek South	2	1,157	9,789	9,779	.....	.....	1,167
9	Wolf Springs	16	5,006	15,541	15,693	.....	.....	4,854
4	Woodrow	4	584	4,654	4,466	.....	.....	772
...	Wildcat, Carbon Cty	....	50	.....	.....	.....	.....	50
1	Wildcat, Glacier Cty	1	446	772	.....	874	4	340
1	Wildcat, Liberty Cty	1	.....	589	.....	175	.....	414
1	Wildcat, McCone Cty	1	.....	1,648	.....	.....	.....	1,648
865		3,556	365,703	2,927,407	2,686,782	254,936	1,183	350,209

Total Oil Produced and Shipped From Leases	Bbls.Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
First Quarter, 1965	7,583,264	84,258	7,566,682	84,074
Second Quarter, 1965	7,921,981	87,054	7,941,312	87,267
July, 1965	2,837,959	91,547	2,825,265	91,137
August, 1965	2,927,407	94,432	2,941,718	94,894

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1964	369,139	933,819	508,411	1,811,369
First Quarter, 1965	376,346	986,628	704,702	2,067,676
Second Quarter, 1965	353,225	1,100,388	612,787	2,066,400
July, 1965	365,703	1,067,458	612,772	2,045,933
August, 1965	350,209	1,088,935	641,548	2,080,692

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF AUGUST, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,974				2,974		
BANNATYNE—Truck			875			875			
BEAR'S DEN—Truck		495	1,400					1,895	
BELFRY—Truck			194				194		
BIG WALL—Continental Pipeline Co.		15,163				15,163			
BLACKFOOT—									
Union Oil Co.		2,007						2,007	
Thompson Crude Purchasing			2,310					2,310	
		2,007	2,310					4,317	
BORDER—Truck			1,247				1,247		
BOWES—Texaco Inc.		16,447				16,447			
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	331,534	713,410	149,783	752,638			1,645,909		301,456
Shell Pipeline Co.	3,168	321,179		854	(809)			318,422	7,588
	334,702	1,034,589	149,783	753,492	(809)		1,645,909	318,422	309,044
CAT CREEK—Continental Pipeline Co.		12,608				12,608			
CLARK'S FORK—Truck			144				144		
CUT BANK—									
Darling Gathering System, Inc.	5,341	13,282						8,869	9,754
Continental Pipeline Co.			9,863	381,821		391,684			
Phillips Petroleum Co.	82,602	53,609		47,134	1,494	93,298			88,553
Texas Pipeline Co.	21,832	49,755		13,323	194			73,358	11,358
Union Oil Co.	61,428	152,156			250	62,674			150,660
Western Oil Transportation Co.	43,366	41,331		29,759	413			87,661	26,382
	214,569	310,133	9,863	472,037	2,351	547,656		169,888	286,707
DEVIL'S BASIN—Truck			426			426			
DRY CREEK—Truck			378				378		
DWYER—Portal Pipeline Co.		35,430					35,430		
ELK BASIN—Marathon Pipeline Co.		278,802				278,802			
ELK BASIN NORTHWEST—Truck			900				900		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	28,382						28,382	3,000
FLAT LAKE—Portal Pipeline Co.		105,321					105,321		
FRANNIE—Interstate Pipeline Co.		1,314					1,314		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	16,768	128,245				24,342		94,570	26,101
GAGE—Continental Pipeline Co.		241				241			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	12,338	48,026			84			55,717	4,563
GOOSE LAKE—Portal Pipeline Co.		47,905					47,905		
HIBBARD—Truck			197			197			
IVANHOE—Continental Pipeline Co.		25,171				25,171			
KEG COULEE—									
Continental Pipeline Co.		30,105				30,105			
KEG COULEE NORTH—Truck			4,458				4,458		
KEVIN SUNBURST—									
Big West Oil Co.	3,489	41,715				41,715			3,489
Homestake Oil & Gas. Co.	3,341	2,574		8,869		8,592			6,192
Texas Pipeline Co.	6,646	13,977			238			13,205	7,180
	13,476	58,266		8,869	238	50,307		13,205	16,861
LODGE GRASS—McWood Corp.			1,402			1,402			
LONE TREE—Truck			5,229				5,229		
MASON LAKE—									
Continental Pipeline Co.		3,015						3,015	
MELSTONE—Continental Pipeline Co.		3,080				3,080			
MOSSER—Truck			777				777		
POLE CREEK—Truck			4,000				4,000		
PONDERA—Phillips Petr. Co.	37,798	31,671			(1,967)	42,876			28,560
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	25,783	249,320			758			249,156†	25,199
RAGGED POINT—									
Continental Pipeline Co.		5,494				5,494			
RED CREEK—									
Western Oil Transportation Co.		29,374			294			29,080	
SHOTGUN CREEK—Truck			1,178				1,178		
SIDNEY-BRORSON—McWood Corp.	15,360		1,775					1,205	15,930
SNYDER—Truck			940			940			
SOAP CREEK—McWood Corp.	1,028		6,555	1,025		7,363			1,245
SPRING LAKE—Truck			5,019				5,019		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	391,267	113,745		338,297	7,255	90,782		377,014	368,258
TULE CREEK—Tesoro Petr. Corp.	1,369		46,588			44,480			3,477
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		16,093				16,093			
Thompson Crude Purchasing			5,275			5,275			
		16,093	5,275			21,368			
WOLF SPRINGS—									
Continental Pipeline Co.		17,220				17,220			
WILDCAT WELLS—Truck			1,049			1,049			
TOTALS	1,067,458	2,647,662	254,936	1,573,720	9,204	1,238,394	1,862,377	1,345,866	1,088,935

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF AUGUST, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				15,163						15,163
Bowes			16,447							16,447
Cat Creek						704				704
Cut Bank							93,298		61,275	154,573
Delphia						57				57
Devil's Basin						355				355
Dry Creek						14				14
Elk Basin		101,955		67,763	109,082					278,800
Fred and George Creek	24,342									24,342
Gage						168				168
Hibbard						136				136
Ivanhoe					25,171					25,171
Keg Coulee				30,105						30,105
Kevin Sunburst	52,231									52,231
Lodge Grass		1,402								1,402
Melstone				3,080						3,080
Pondera							44,971			44,971
Ragged Point		5,494								5,494
Red Creek					32,901					32,901
Richey Southwest						128				128
Snyder		940								940
Soap Creek		7,363								7,363
Sumatra & Stensvad		16,764		74,018						90,782
Tule Creek								44,480		44,480
Whitlash	21,368									21,368
Wolf Springs					13,787					13,787
Total Montana Oil	97,941	133,918	16,447	190,129	180,941	1,562	138,269	44,480	61,275	864,962
Canadian Oil Imported		353,704							1,614	355,318
Wyoming Oil Imported		435,766		442,332	1,004,771	1,545				1,884,414
Total Montana, Canadian & Wyoming Oil	97,941	923,388	16,447	632,461	1,185,712	3,107	138,269	44,480	62,889	3,104,694

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
August, 1964	34,377	11,461	43,711	89,549
August, 1965	27,902	11,462	60,787	100,151

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1964	38.40%	12.51%	49.09%
August, 1964	38.38%	12.81%	48.81%
August, 1965	27.85%	11.46%	60.69%